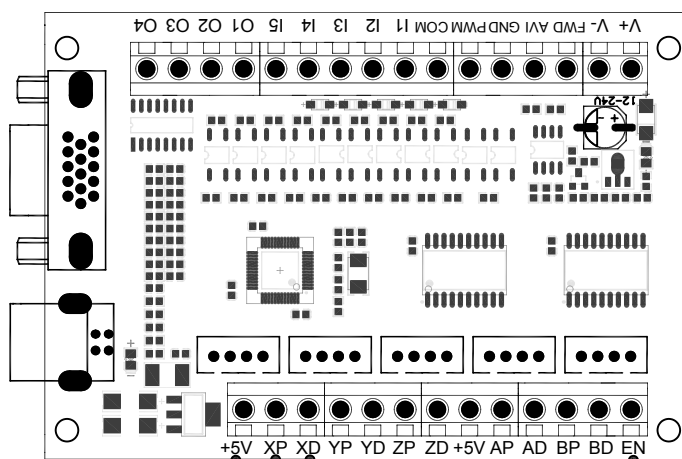
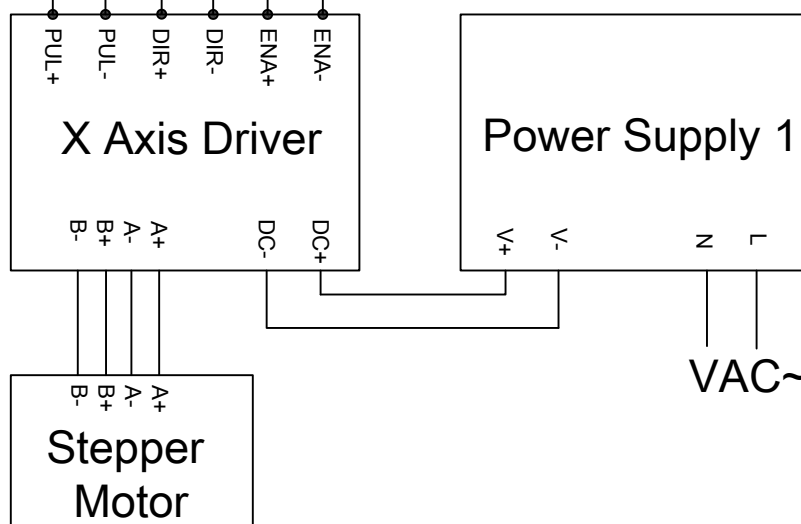


STB5100 X-Axis driver wiring diagram

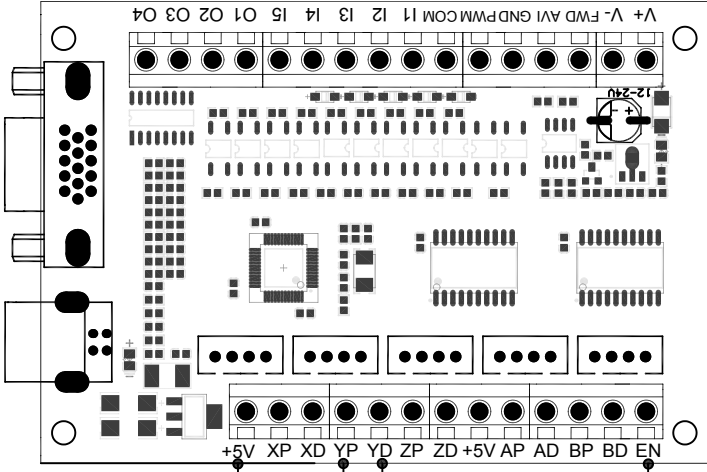


+5V=+5V Driver signal common
 XP=X Axis Pulse signal
 XD=X Axis Direction signal
 EN=All Axis Enable signals

Note: The Enable signal can be disconnected

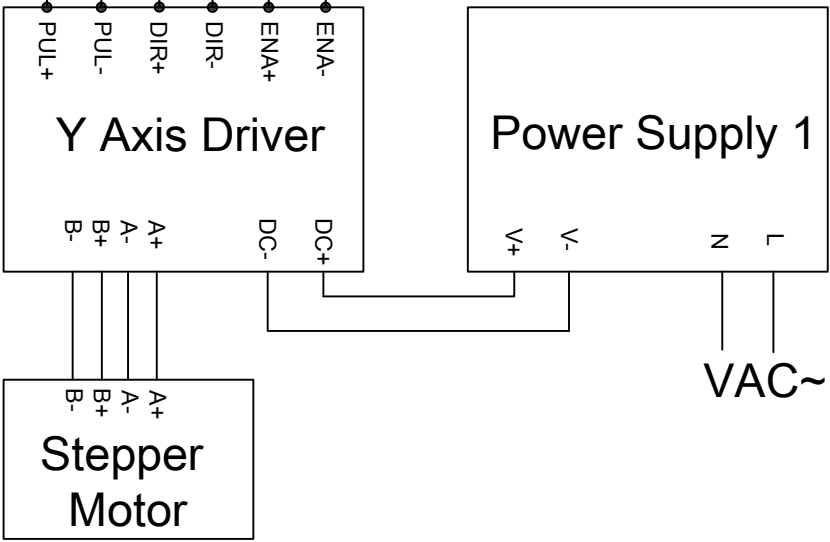


STB5100 Y-Axis driver wiring diagram

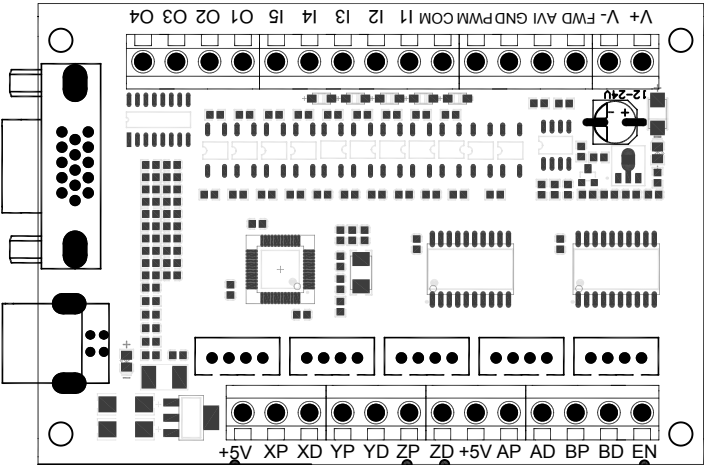


+5V=+5V Driver signal common
YP=Y Axis Pulse signal
YD=Y Axis Direction signal
EN=All Axis Enable signals

Note: The Enable signal can be disconnected

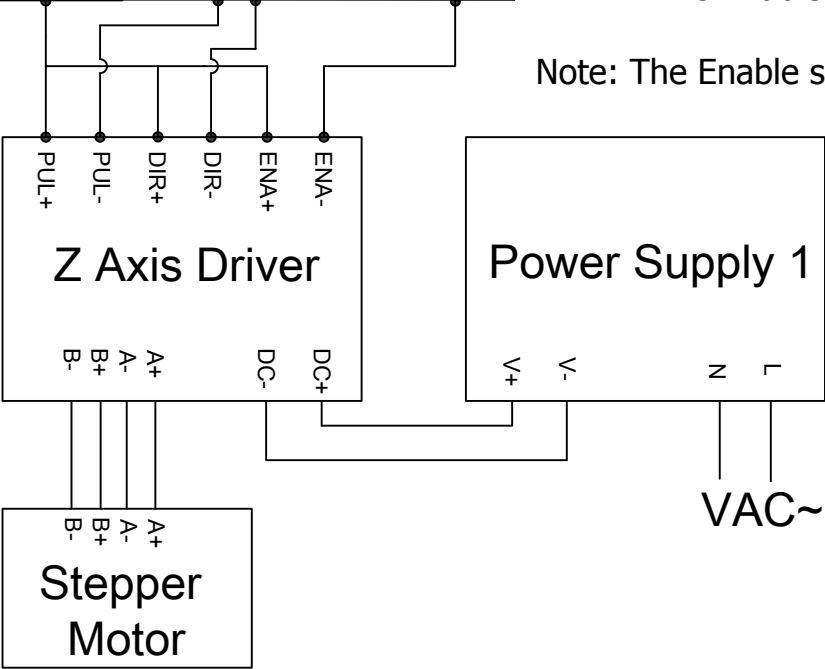


STB5100 Z-Axis driver wiring diagram

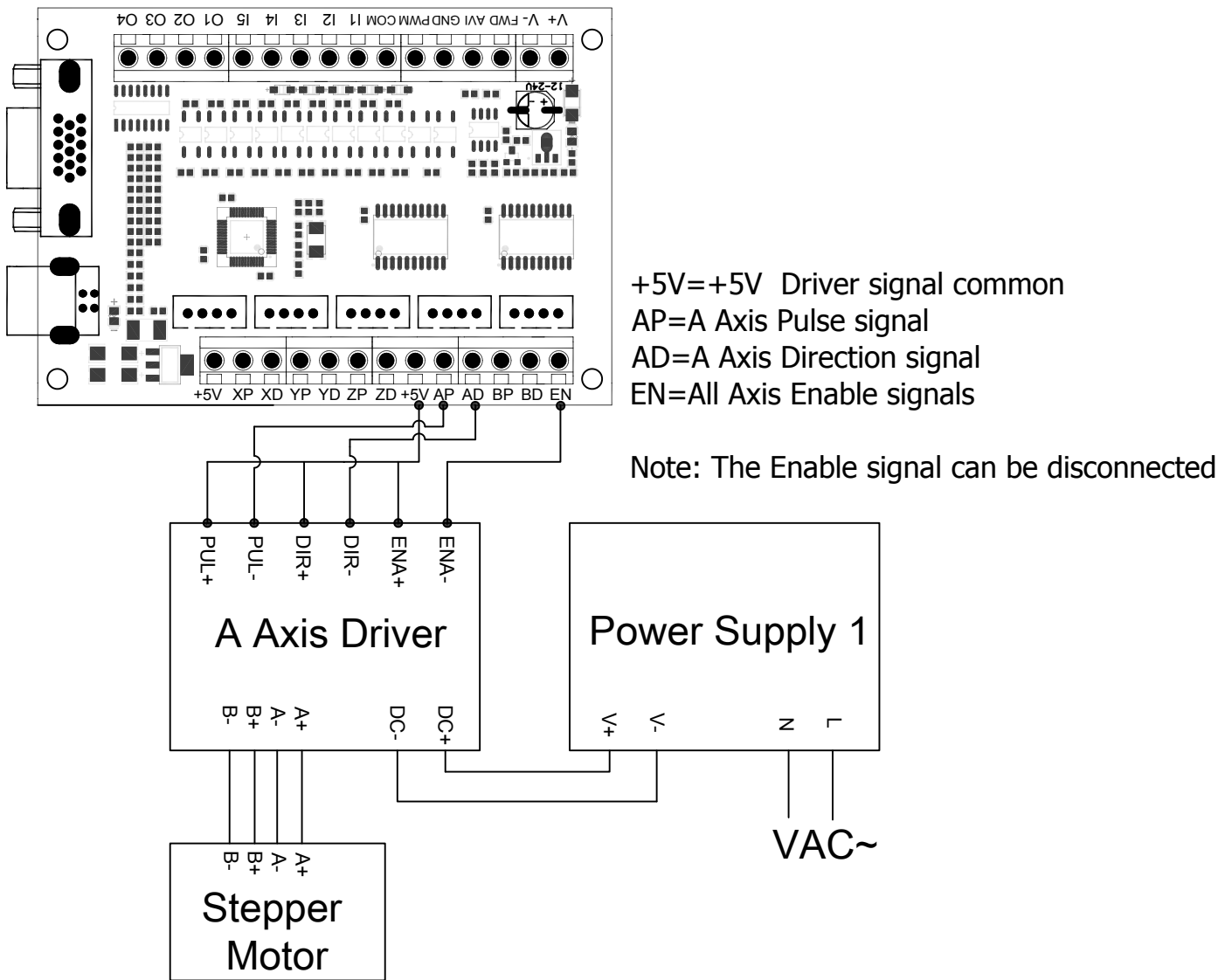


+5V=+5V Driver signal common
ZP=Z Axis Pulse signal
ZD=Z Axis Direction signal
EN=All Axis Enable signals

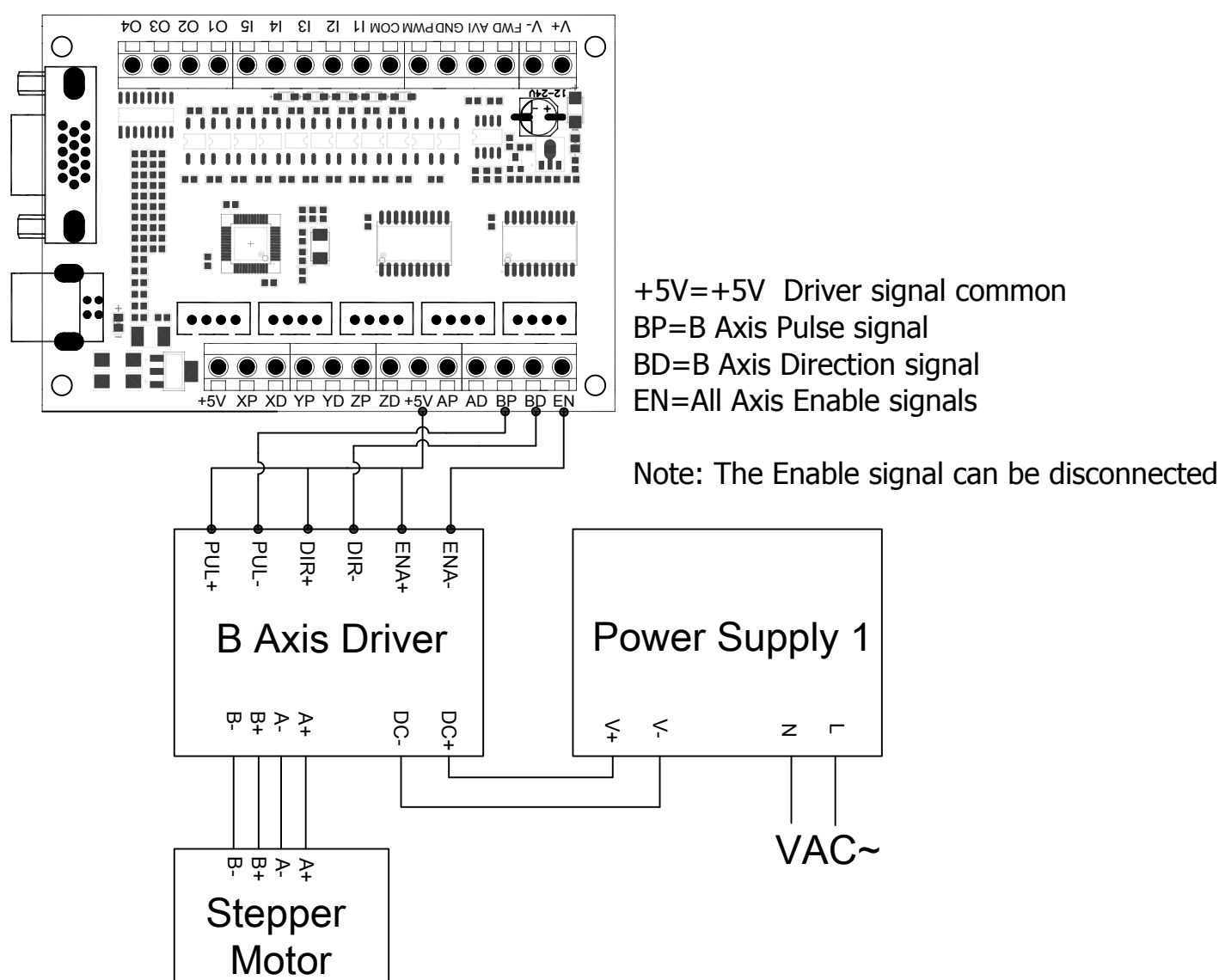
Note: The Enable signal can be disconnected



STB5100 A-Axis driver wiring diagram

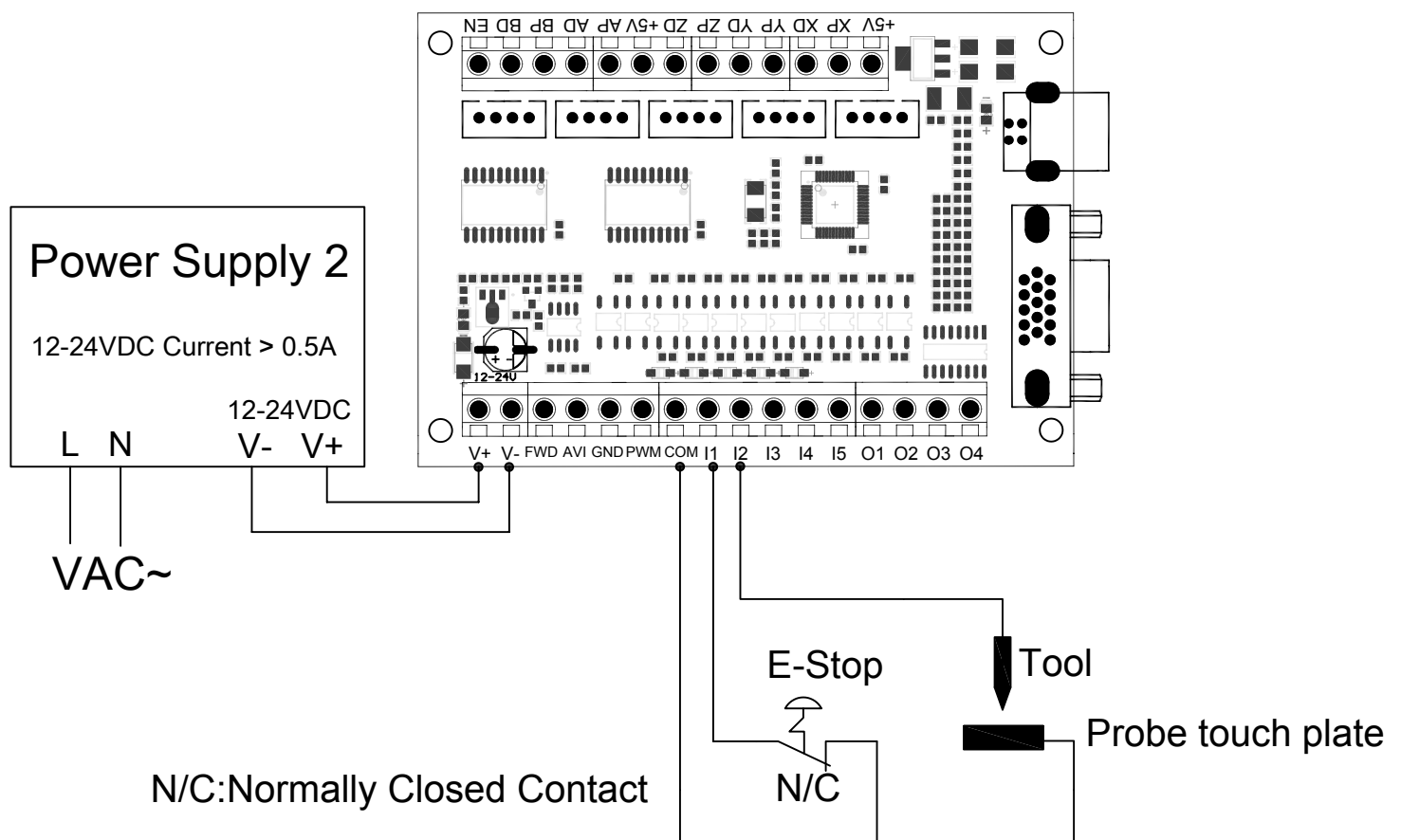


STB5100 B-Axis driver wiring diagram

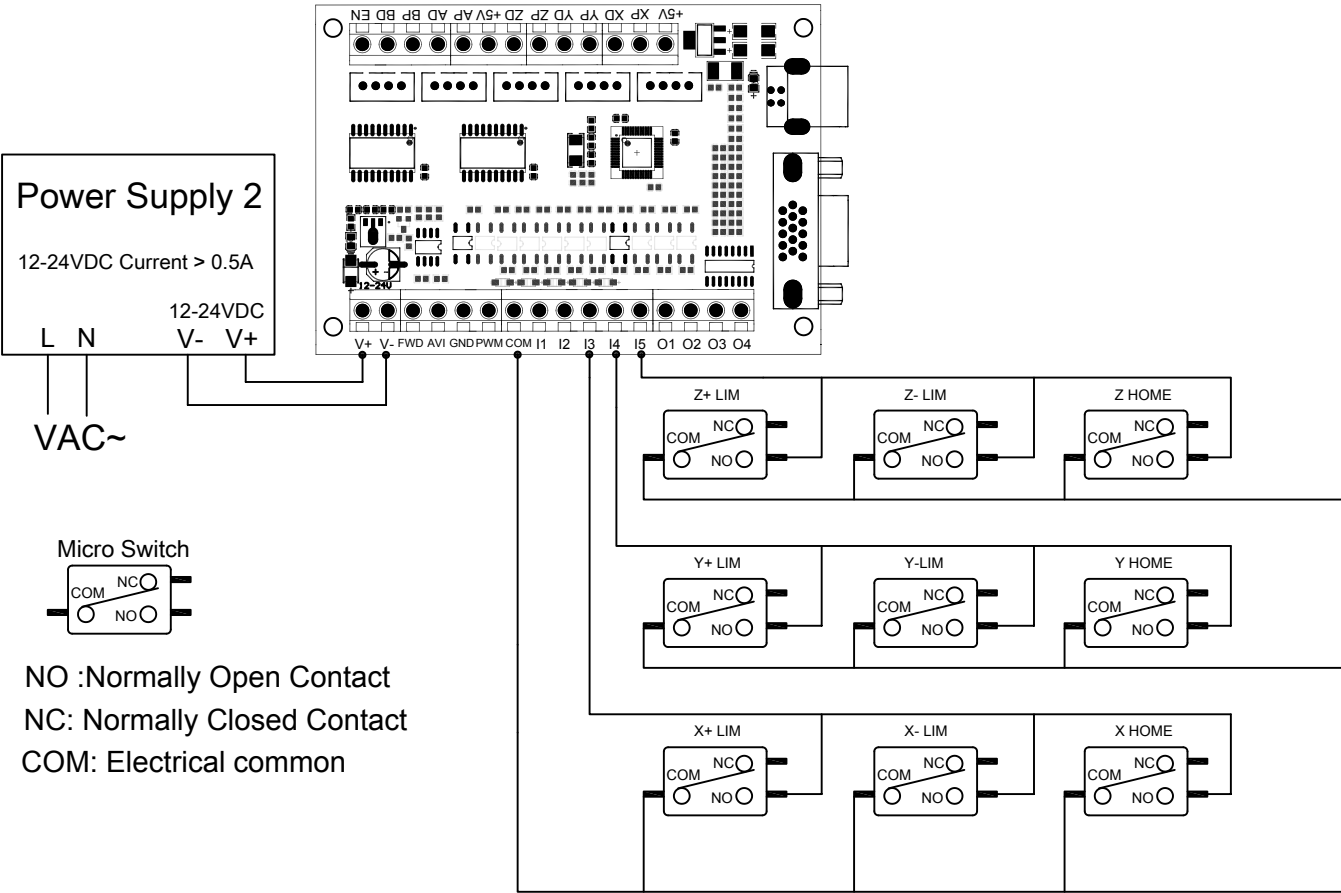


STB5100 INPUTS WIRING DIAGRAM

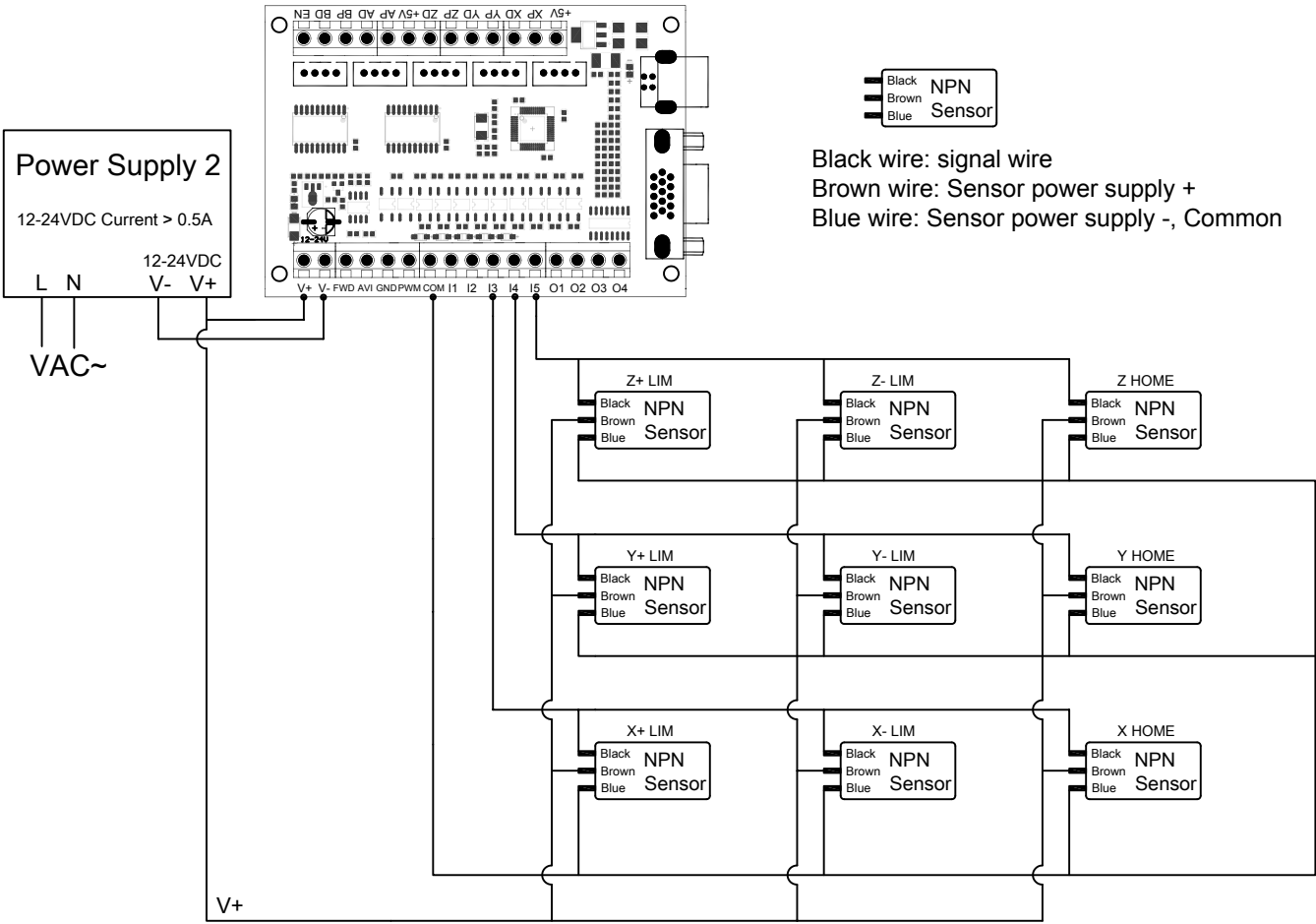
E-STOP & Probe touch plate



STB5100 INPUTS WIRING DIAGRAM LIMIT & HOME SWITCH

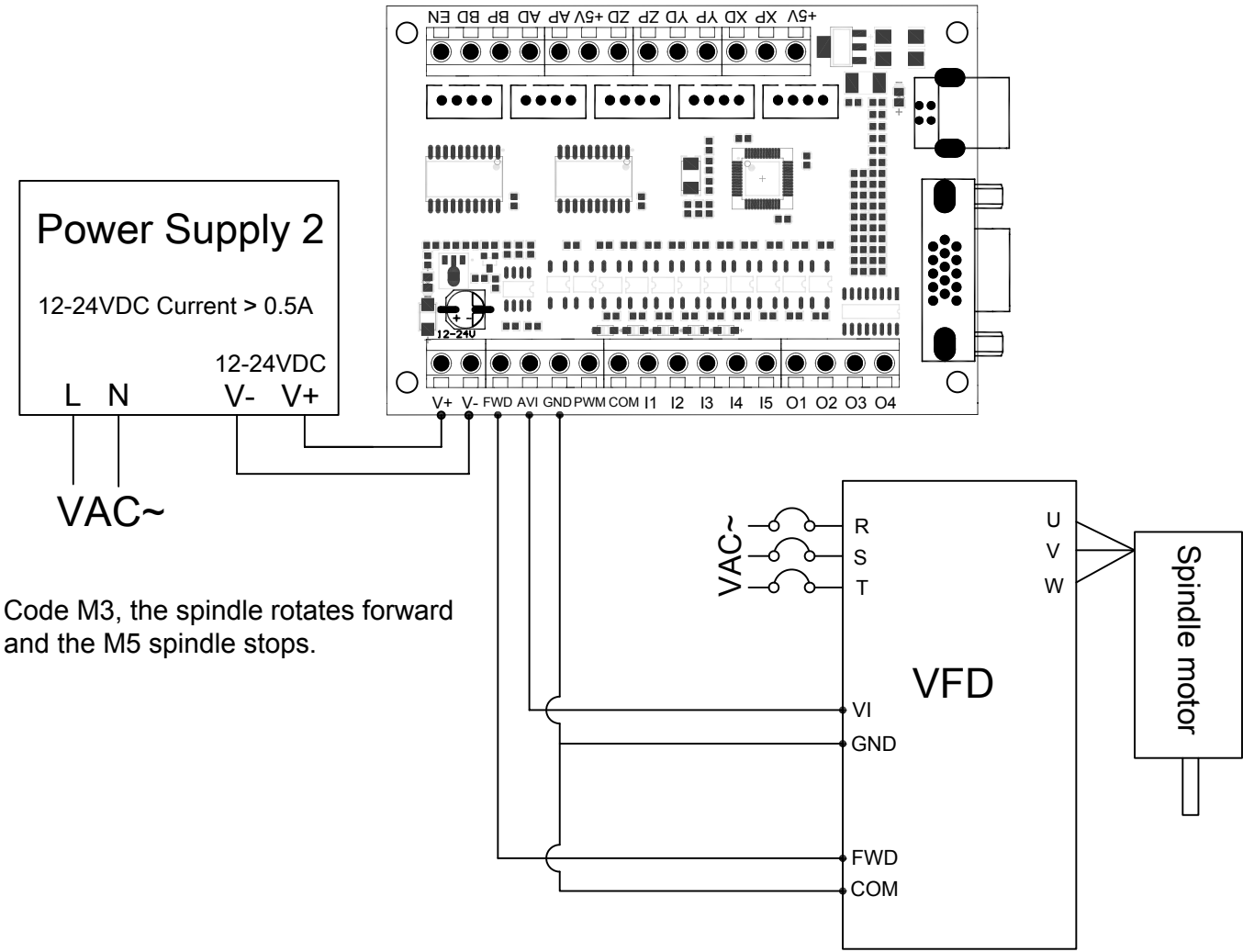


STB5100 INPUTS WIRING DIAGRAM LIMIT & HOME NPN SENSOR



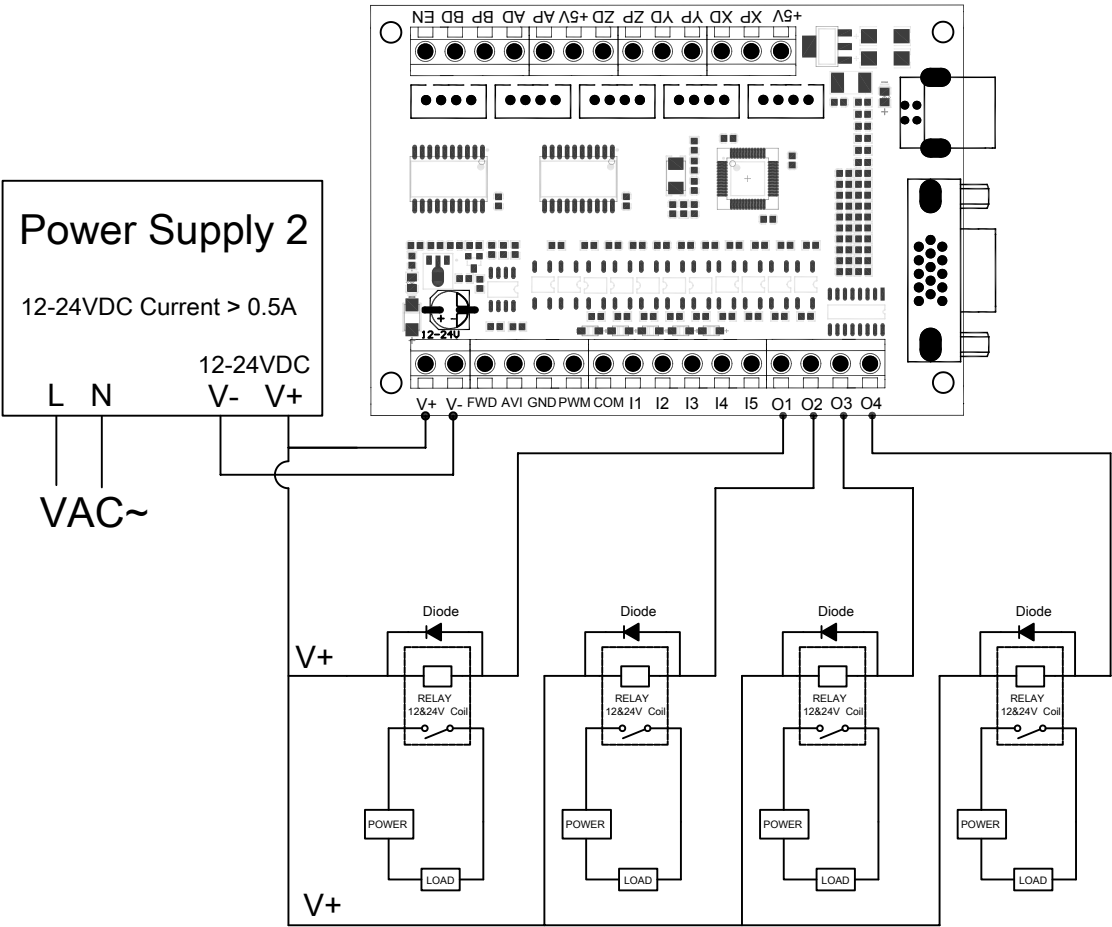
STB5100 OUTPUTS WIRING DIAGRAM

Inverter connection



STB5100 OUTPUTS WIRING DIAGRAM

Output Interfac Control Relay



Code M3 opens output O1, M5 closes output
Code M4 opens output O2, M5 closes output
Code M7 opens output O3, M9 closes output
Code M8 opens output O4, M9 closes output